

What is claimed is:

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1. A RAM-incorporated driver which drives a display section based on still-image data and moving-image data, the 5 RAM-incorporated driver comprising:
a first port through which the still-image data or a given command is input;
a second port through which the moving-image data, which is transferred serially over a serial transfer line, is input 10 as a differential signal;
a reception circuit which differentially amplifies the differential signal input from the second port and creating the moving-image data in a parallel state;
a RAM which stores the still-image data that was input 15 through the first port and the moving-image data that was created by the reception circuit;
a first control circuit which controls writing or reading of the still-image data or the moving-image data that has been input separately through the first port or the 20 second port, with respect to the RAM; and
a second control circuit independently of the first control circuit, which controls the reading as display data of the still-image data or moving-image data that has been stored in the RAM, and driving the display section to display.

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2. The RAM-incorporated driver as defined by claim 1; comprising:

a halt control circuit which receives with the differential signal a data validation signal indicating whether or not the differential signal is valid, and halting at least part of an operation of the reception circuit, based
5 on the data validation signal.

3. The RAM-incorporated driver as defined by claim 2,
wherein the validation signal is used as a
synchronization signal synchronizing the writing of the
10 moving-image data into the RAM.

4. The RAM-incorporated driver as defined by claim 2,
wherein the validation signal is used as a
synchronization signal synchronizing the writing of the
15 moving-image data for one line of the display section into
the RAM.

5. The RAM-incorporated driver as defined by claim 2,
wherein the validation signal is used as a
20 synchronization signal synchronizing the writing of the
moving-image data for one full-screen of the display section
into the RAM.

6. The RAM-incorporated driver as defined by claim 1,
25 wherein the serial transfer line is a transfer line in
accordance with an LVDS standard.

7. The RAM-incorporated driver as defined by claim 2,
wherein the serial transfer line is a transfer line in
accordance with an LVDS standard.

5 8. The RAM-incorporated driver as defined by claim 3,
wherein the serial transfer line is a transfer line in
accordance with an LVDS standard.

10 9. The RAM-incorporated driver as defined by claim 4,
wherein the serial transfer line is a transfer line in
accordance with an LVDS standard.

15 10. The RAM-incorporated driver as defined by claim 5,
wherein the serial transfer line is a transfer line in
accordance with an LVDS standard.

11. The RAM-incorporated driver as defined by claim 1,
wherein the serial transfer line is a transfer line in
accordance with a USB standard.

20 12. The RAM-incorporated driver as defined by claim 2,
wherein the serial transfer line is a transfer line in
accordance with a USB standard.

25 13. The RAM-incorporated driver as defined by claim 3,
wherein the serial transfer line is a transfer line in
accordance with a USB standard.

14. The RAM-incorporated driver as defined by claim 4,
wherein the serial transfer line is a transfer line in
accordance with a USB standard.

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15. The RAM-incorporated driver as defined by claim 5,
wherein the serial transfer line is a transfer line in
accordance with a USB standard.

10 16. The RAM-incorporated driver as defined by claim 1,
wherein the serial transfer line is a transfer line in
accordance with an IEEE 1394 standard.

15 17. The RAM-incorporated driver as defined by claim 2,
wherein the serial transfer line is a transfer line in
accordance with an IEEE 1394 standard.

20 18. The RAM-incorporated driver as defined by claim 3,
wherein the serial transfer line is a transfer line in
accordance with an IEEE 1394 standard.

19. The RAM-incorporated driver as defined by claim 4,
wherein the serial transfer line is a transfer line in
accordance with an IEEE 1394 standard.

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20. The RAM-incorporated driver as defined by claim 5,
wherein the serial transfer line is a transfer line in

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accordance with an IEEE 1394 standard.

21. A display unit comprising:

a panel having an electro-optical element driven by a
5 plurality of first electrodes and a plurality of second
electrodes;

the RAM-incorporated driver as defined by claim 1, which
drives the plurality of first electrodes; and

10 a scanning driver for scanning and driving the plurality
of second electrodes.

22. A display unit comprising:

a panel having an electro-optical element driven by a
15 plurality of first electrodes and a plurality of second
electrodes;

the RAM-incorporated driver as defined by claim 2, which
drives the plurality of first electrodes; and

20 a scanning driver for scanning and driving the plurality
of second electrodes.

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23. A display unit comprising:

a panel having an electro-optical element driven by a
plurality of first electrodes and a plurality of second;

25 the RAM-incorporated driver as defined by claim 3, which
drives the plurality of first electrodes; and

a scanning driver for scanning and driving the plurality
of second electrodes.

24. A display unit comprising:

a panel having an electro-optical element driven by a plurality of first electrodes and a plurality of second electrodes;

the RAM-incorporated driver as defined by claim 4, which drives the plurality of first electrodes; and

a scanning driver for scanning and driving the plurality of second electrodes.

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25. A display unit comprising:

a panel having an electro-optical element driven by a plurality of first electrodes and a plurality of second electrodes;

the RAM-incorporated driver as defined by claim 5, which drives the plurality of first electrodes; and

a scanning driver for scanning and driving the plurality of second electrodes.

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26. Electronic equipment comprising:

the display unit as defined by claim 21; and

an MPU which supplies the command, the still-image data, and the moving-image data to the display unit.